# Translation

## PATENT COOPERATION TREATY

# **PCT**

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P28099/WO Kf	FOR FURTHER ACTION	See Form PCT/IPEA							
International application No.	International filing date (day/m	nonth/year) Priority date (day/mo	onth/year)						
PCT/EP2004/005100	12.05.2004	16.07.200	)3						
International Patent Classification (IPC) or nation	onal classification and IPC								
F16K15/04, F16K27/02									
Applicant BRUENINGHAUS HYDROMATIK GMBH									
<ol> <li>This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</li> </ol>									
2. This REPORT consists of a total of	5	sheets, including this cover sheet.							
3. This report is also accompanied by Al	NNEXES, comprising:								
a. (sent to the applicant and	to the International Bureau) a to	otal of 4	_ sheets, as follows:						
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.									
	Bureau only) a total of (indicate	type and number of electronic carrier(s	s))						
•	, containing a sequence listing and/or tables								
		ed in the Supplemental Box Relating t							
Section 802 of the Administr	<del></del>		-						
4. This report contains indications relation	ng to the following items:								
Box No. I Basis of the	report								
Box No. II Priority									
Box No. III Non-establis	shment of opinion with regard to	o novelty, inventive step and industrial	applicability						
Box No. IV Lack of unit	ty of invention								
DOX 110. 1	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
Box No. VI Certain docu	uments cited								
Box No. VII Certain defe	ects in the international applicati	ion							
Box No. VIII Certain obse	Box No. VIII Certain observations on the international application								
Date of submission of the demand	Date of	completion of this report							
Name and mailing address of the IPEA/EP	Authoria	zed officer							
<u> </u>									
Facsimile No.	Telepho	ne No.							

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### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/EP2004/005100

Box	No. I		Basis of the report				
1.			to the language, this report is based on the internation der this item.	al application in the language in	which it was filed, unless otherwise		
			port is based on translations from the original languagist the language of a translation furnished for the purpo		,		
		i	nternational search (Rule 12.3 and 23.1(b))				
		r	oublication of the international application (Rule 12.4)				
		∐ i	nternational preliminary examination (Rule 55.2 and/o	or 55.3)			
2.	recei	iving Of report):	to the elements of the international application, this in the fice in response to an invitation under Article 14 are error application as originally filed/furnished	report is based on ( <i>replacement s</i> e referred to in this report as "o	sheets which have been furnished to the riginally filed" and are not annexed to		
	$\boxtimes$	the des	scription:				
		pages	1-8	<u></u>	as originally filed/furnished		
		pages*		received by this Authority on			
		pages*	•	received by this Authority on			
	$\square$	the cla					
			11115.		as originally filed/furnished		
		nos.					
		nos.*			r with any statement) under Article 19 30.09.2005 with		
		nos.*	1-17	received by this Authority on	releiax		
	K-21	nos.*		received by this Authority on	*-		
	M	the dra	awings:				
		sheets	1/3-3/3		as originally filed/furnished		
		sheets	*	received by this Authority on			
		sheets	*	received by this Authority on			
		a sequ	ence listing and/or any related table(s) - see Supplema	ental Box Relating to Sequence L	isting.		
3.		The ar	nendments have resulted in the cancellation of:				
			the description, pages				
		$\Box$	the claims, nos.				
		$\overline{\Box}$	the drawings, sheets/figs				
			the sequence listing (specify):				
			any table(s) related to sequence listing (specify):				
4			eport has been established as if (some of) the amend	ments annexed to this report and	l listed below had not been made, since		
٠.	Ш		ave been considered to go beyond the disclosure as fil				
			the description, pages				
		$\sqcup$	the claims, nos.		<del> </del>		
			the drawings, sheets/figs				
			the sequence listing (specify):				
			any table(s) related to sequence listing (specify):				
*	If ite	m 4 app	olies, some or all of those sheets may be marked "supe	erseded."			

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/EP2004/005100

Box No. V Reasoned statement under Ar citations and explanations sup		nt under Ar inations sup	riicle 35(2) with regard to novelty, inventive step or industrial applicability; pporting such statement		
1.	Statement				
	Novelty (	N)	Claims	1-17	YES
			Claims		NO
	Inventive	step (IS)	Claims	1-17	YES
			Claims		NO
	Industrial	applicability (IA)	Claims	1-17	YES
			Claims		NO
l					

- 2. Citations and explanations (Rule 70.7)
  - 1. Claim 1:

Claim 1 satisfies the requirements of novelty, inventive step and industrial applicability (PCT Article 33(2) to (4)).

Since none of the documents cited in the search report or in the introductory part of the description indicates the features of independent claim in their entirety, the subject matter of claim 1 is novel.

Given a hydraulic subassembly whose housing has a check valve in a threaded bore on one pressure side, as per DE8801759U, a person skilled in the art obtains no prompting from the search report citations as to designing the check valve as per the characterising portion of claim 1. The measure of designing a hydraulic subassembly with a check valve wherein, in a second cylinder section that connects to the first cylinder section, the first removed portions are extended and, together with a plurality of second removed portions located

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

exclusively in the second cylinder section between the first removed portions, serve as contacts for a workpiece (see figure 2) is the result of a step that is not a logical development of the cited prior art. The hydraulic subassembly as per claim 1 therefore involves an inventive step.

The subject matter of claim 1 can be manufactured and used and is therefore industrially applicable.

#### 2. Claims 2 to 17:

Dependent claims 2 to 17 contain advantageous and non-obvious embodiments of a hydraulic subassembly according to claim 1. Claims 2 to 17 therefore likewise meet the requirements of novelty, inventive step and industrial applicability (PCT Article 33(2) to (4)).

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#### Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

- Contrary to the requirements of PCT Rule
   (ii), the description does not cite document
   DE8801759U or indicate the relevant prior art
   disclosed therein.
- 2. Contrary to PCT Rule 5.1(a)(iii), the description is not consistent with the claims.